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02-09-01

OIPE

#2.

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/760,285

DATE: 01/29/2001
 TIME: 13:51:01

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ENTERED

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3 <110> APPLICANT: Nicolaidides, Nicholas C
4   Grasso, Luigi
5   Sass, Philip M
7 <120> TITLE OF INVENTION: CHEMICAL INHIBITORS OF MISMATCH REPAIR
9 <130> FILE REFERENCE: MOR-0017
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/760,285
12 <141> CURRENT FILING DATE: 2001-01-15
14 <160> NUMBER OF SEQ ID NOS: 44
16 <170> SOFTWARE: PatentIn Ver. 2.1
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71 <211> LENGTH: 22

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138 <213> ORGANISM: Artificial Sequence
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179 <220> FEATURE:
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189 <212> TYPE: PRT
190 <213> ORGANISM: Mus musculus
192 <400> SEQUENCE: 14
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194 1 5 10 15
196 Pro Ile Asp Gly Lys Ser Val His Gln Ile Cys Ser Gly Gln Val Ile
197 20 25 30
199 Leu Ser Leu Ser Thr Ala Val Lys Glu Leu Ile Glu Asn Ser Val Asp
200 35 40 45
202 Ala Gly Ala Thr Thr Ile Asp Leu Arg Leu Lys Asp Tyr Gly Val Asp
203 50 55 60
205 Leu Ile Glu Val Ser Asp Asn Gly Cys Gly Val Glu Glu Glu Asn Phe
206 65 70 75 80
208 Glu Gly Leu Ala Leu Lys His His Thr Ser Lys Ile Gln Glu Phe Ala
209 85 90 95
211 Asp Leu Thr Gln Val Glu Thr Phe Gly Phe Arg Gly Glu Ala Leu Ser
212 100 105 110

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214 Ser Leu Cys Ala Leu Ser Asp Val Thr Ile Ser Thr Cys His Gly Ser
215      115      120      125
217 Ala Ser Val Gly Thr Arg Leu Val Phe Asp His Asn Gly Lys Ile Thr
218      130      135      140
220 Gln Lys Thr Pro Tyr Pro Arg Pro Lys Gly Thr Thr Val Ser Val Gln
221 145      150      155      160
223 His Leu Phe Tyr Thr Leu Pro Val Arg Tyr Lys Glu Phe Gln Arg Asn
224      165      170      175
226 Ile Lys Lys Glu Tyr Ser Lys Met Val Gln Val Leu Gln Ala Tyr Cys
227      180      185      190
229 Ile Ile Ser Ala Gly Val Arg Val Ser Cys Thr Asn Gln Leu Gly Gln
230      195      200      205
232 Gly Lys Arg His Ala Val Val Cys Thr Ser Gly Thr Ser Gly Met Lys
233      210      215      220
235 Glu Asn Ile Gly Ser Val Phe Gly Gln Lys Gln Leu Gln Ser Leu Ile
236 225      230      235      240
238 Pro Phe Val Gln Leu Pro Pro Ser Asp Ala Val Cys Glu Glu Tyr Gly
239      245      250      255
241 Leu Ser Thr Ser Gly Arg His Lys Thr Phe Ser Thr Phe Arg Ala Ser
242      260      265      270
244 Phe His Ser Ala Arg Thr Ala Pro Gly Gly Val Gln Gln Thr Gly Ser
245      275      280      285
247 Phe Ser Ser Ser Ile Arg Gly Pro Val Thr Gln Gln Arg Ser Leu Ser
248      290      295      300
250 Leu Ser Met Arg Phe Tyr His Met Tyr Asn Arg His Gln Tyr Pro Phe
251 305      310      315      320
253 Val Val Leu Asn Val Ser Val Asp Ser Glu Cys Val Asp Ile Asn Val
254      325      330      335
256 Thr Pro Asp Lys Arg Gln Ile Leu Leu Gln Glu Glu Lys Leu Leu Leu
257      340      345      350
259 Ala Val Leu Lys Thr Ser Leu Ile Gly Met Phe Asp Ser Asp Ala Asn
260      355      360      365
262 Lys Leu Asn Val Asn Gln Gln Pro Leu Leu Asp Val Glu Gly Asn Leu
263      370      375      380
265 Val Lys Leu His Thr Ala Glu Leu Glu Lys Pro Val Pro Gly Lys Gln
266 385      390      395      400
268 Asp Asn Ser Pro Ser Leu Lys Ser Thr Ala Asp Glu Lys Arg Val Ala
269      405      410      415
271 Ser Ile Ser Arg Leu Arg Glu Ala Phe Ser Leu His Pro Thr Lys Glu
272      420      425      430
274 Ile Lys Ser Arg Gly Pro Glu Thr Ala Glu Leu Thr Arg Ser Phe Pro
275      435      440      445
277 Ser Glu Lys Arg Gly Val Leu Ser Ser Tyr Pro Ser Asp Val Ile Ser
278      450      455      460
280 Tyr Arg Gly Leu Arg Gly Ser Gln Asp Lys Leu Val Ser Pro Thr Asp
281 465      470      475      480
283 Ser Pro Gly Asp Cys Met Asp Arg Glu Lys Ile Glu Lys Asp Ser Gly
284      485      490      495
286 Leu Ser Ser Thr Ser Ala Gly Ser Glu Glu Glu Phe Ser Thr Pro Glu

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287          500          505          510
289 Val Ala Ser Ser Phe Ser Ser Asp Tyr Asn Val Ser Ser Leu Glu Asp
290          515          520          525
292 Arg Pro Ser Gln Glu Thr Ile Asn Cys Gly Asp Leu Asp Cys Arg Pro
293          530          535          540
295 Pro Gly Thr Gly Gln Ser Leu Lys Pro Glu Asp His Gly Tyr Gln Cys
296 545          550          555          560
298 Lys Ala Leu Pro Leu Ala Arg Leu Ser Pro Thr Asn Ala Lys Arg Phe
299          565          570          575
301 Lys Thr Glu Glu Arg Pro Ser Asn Val Asn Ile Ser Gln Arg Leu Pro
302          580          585          590
304 Gly Pro Gln Ser Thr Ser Ala Ala Glu Val Asp Val Ala Ile Lys Met
305          595          600          605
307 Asn Lys Arg Ile Val Leu Leu Glu Phe Ser Leu Ser Ser Leu Ala Lys
308          610          615          620
310 Arg Met Lys Gln Leu Gln His Leu Lys Ala Gln Asn Lys His Glu Leu
311 625          630          635          640
313 Ser Tyr Arg Lys Phe Arg Ala Lys Ile Cys Pro Gly Glu Asn Gln Ala
314          645          650          655
316 Ala Glu Asp Glu Leu Arg Lys Glu Ile Ser Lys Ser Met Phe Ala Glu
317          660          665          670
319 Met Glu Ile Leu Gly Gln Phe Asn Leu Gly Phe Ile Val Thr Lys Leu
320          675          680          685
322 Lys Glu Asp Leu Phe Leu Val Asp Gln His Ala Ala Asp Glu Lys Tyr
323          690          695          700
325 Asn Phe Glu Met Leu Gln Gln His Thr Val Leu Gln Ala Gln Arg Leu
326 705          710          715          720
328 Ile Thr Pro Gln Thr Leu Asn Leu Thr Ala Val Asn Glu Ala Val Leu
329          725          730          735
331 Ile Glu Asn Leu Glu Ile Phe Arg Lys Asn Gly Phe Asp Phe Val Ile
332          740          745          750
334 Asp Glu Asp Ala Pro Val Thr Glu Arg Ala Lys Leu Ile Ser Leu Pro
335          755          760          765
337 Thr Ser Lys Asn Trp Thr Phe Gly Pro Gln Asp Ile Asp Glu Leu Ile
338          770          775          780
340 Phe Met Leu Ser Asp Ser Pro Gly Val Met Cys Arg Pro Ser Arg Val
341 785          790          795          800
343 Arg Gln Met Phe Ala Ser Arg Ala Cys Arg Lys Ser Val Met Ile Gly
344          805          810          815
346 Thr Ala Leu Asn Ala Ser Glu Met Lys Lys Leu Ile Thr His Met Gly
347          820          825          830
349 Glu Met Asp His Pro Trp Asn Cys Pro His Gly Arg Pro Thr Met Arg
350          835          840          845
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357 <211> LENGTH: 3056
358 <212> TYPE: DNA
359 <213> ORGANISM: Mus musculus

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/760,285

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number